

| L Number | Hits | Search Text | DB | Time stamp |
|----------|------|---|--------------------|------------------|
| - | 38 | (detect\$3 with cavitation) and (operat\$3 with parameter) | USPAT; US-PGPUB | 2003/04/16 13:00 |
| - | 14 | ((detect\$3 with cavitation) and (operat\$3 with parameter)) and (automatic\$4 with detect\$3) | USPAT; US-PGPUB | 2003/04/11 16:44 |
| - | 3 | ((detect\$3 with cavitation) and (operat\$3 with parameter)) and (automatic\$4 with detect\$3)) and (characteristic with curve) | USPAT; US-PGPUB | 2003/04/11 17:19 |
| - | 16 | ((detect\$3 with cavitation) and (operat\$3 with parameter)) and (pressure with indication) | USPAT; US-PGPUB | 2003/04/11 16:44 |
| - | 9 | ((detect\$3 with cavitation) and (operat\$3 with parameter)) and (pressure with indication)) and (automatic\$4 with detect\$3) | USPAT; US-PGPUB | 2003/04/11 16:45 |
| - | 1 | ((detect\$3 with cavitation) and (operat\$3 with parameter)) and (pressure with indication)) and (automatic\$4 with detect\$3)) and (fluid with flow with indication) | USPAT; US-PGPUB | 2003/04/11 16:46 |
| - | 1 | ((detect\$3 with cavitation) and (operat\$3 with parameter)) and (pressure with indication)) and (automatic\$4 with detect\$3)) and (fluid with flow) | USPAT; US-PGPUB | 2003/04/11 16:46 |
| - | 2 | ((detect\$3 with cavitation) and (operat\$3 with parameter)) and (fluid with flow with indication) | USPAT; US-PGPUB | 2003/04/11 16:48 |
| - | 3 | ((detect\$3 with cavitation) and (operat\$3 with parameter)) and (net with positive with suction with head) | USPAT; US-PGPUB | 2003/04/11 16:49 |
| - | 1 | ((detect\$3 with cavitation) and (operat\$3 with parameter)) and (net with positive with suction with head)) and (alert with user) | USPAT; US-PGPUB | 2003/04/11 16:49 |
| - | 7 | ((detect\$3 with cavitation) and (operat\$3 with parameter)) and (alert with user) | USPAT; US-PGPUB | 2003/04/11 16:50 |
| - | 4 | ((estimat\$3 or detect\$3) with cavitation) and (characteristic with curve) and (net with positive with suction with head) | USPAT; US-PGPUB | 2003/04/11 17:11 |
| - | 1 | ((estimat\$3 or detect\$3) with cavitation) and (memory with characteristic with curve) and processor | USPAT; US-PGPUB | 2003/04/11 17:20 |
| - | 29 | ((estimat\$3 or detect\$3) with cavitation) and memory and (processor or microprocessor or computer or CPU) and (operat\$3 with parameter) | USPAT; US-PGPUB | 2003/04/11 17:15 |
| - | 9 | ((estimat\$3 or detect\$3) with cavitation) and memory and (processor or microprocessor or computer or CPU) and (operat\$3 with parameter)) and (process\$4 with plant) and pump | USPAT; US-PGPUB | 2003/04/11 18:09 |
| - | 49 | cavitation and (operat\$3 with parameter) and (characteristic with curve) | USPAT; US-PGPUB | 2003/04/11 17:28 |
| - | 6 | (cavitation and (operat\$3 with parameter) and (characteristic with curve)) and ((estimat\$3 or detect\$3) with cavitation) | USPAT; US-PGPUB | 2003/04/15 17:31 |
| - | 4 | ("6332110" "6317701" "6108616" "6055483").pn. | USPAT; US-PGPUB | 2003/04/11 17:28 |
| - | 0 | ((("6332110" "6317701" "6108616" "6055483").pn.) and cavitation and (operat\$3 with parameter) | USPAT; US-PGPUB | 2003/04/11 17:29 |
| - | 1 | ((("6332110" "6317701" "6108616" "6055483").pn.) and cavitation | USPAT; US-PGPUB | 2003/04/11 17:29 |
| - | 5 | (cavitation and (operat\$3 with parameter) and (characteristic with curve)) and ((estimat\$3 or detect\$3) with cavitation) and memory and (processor or microprocessor or computer or CPU) | USPAT; US-PGPUB | 2003/04/15 15:54 |
| - | 13 | ("4234925" "4319320" "4486381" "4490808" "4674279" "4683718" "4770843" "4794544" "4823018" "4994684" "5322412" "5346359" "5402332").PN. | USPAT | 2003/04/15 15:51 |
| - | 0 | ((("4234925" "4319320" "4486381" "4490808" "4674279" "4683718" "4770843" "4794544" "4823018" "4994684" "5322412" "5346359" "5402332").PN.) and (suction with pressure) | USPAT; US-PGPUB | 2003/09/07 15:35 |

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|---|-----|--|--------------------|------------------|
| - | 3 | (cavitation and (operat\$3 with parameter) and (characteristic with curve)) and ((estimat\$3 or detect\$3) with cavitation) and memory and (processor or microprocessor or computer or CPU) and (suction with pressure) | USPAT; US-PGPUB | 2003/04/15 17:15 |
| - | 2 | ((cavitation and (operat\$3 with parameter) and (characteristic with curve)) and ((estimat\$3 or detect\$3) with cavitation) and memory and (processor or microprocessor or computer or CPU) and (suction with pressure)) and (suction with fluid with flow) | USPAT; US-PGPUB | 2003/04/15 17:15 |
| - | 0 | (cavitation and (operat\$3 with parameter) and (characteristic with curve)) and ((estimat\$3 or detect\$3) with cavitation) and (calculat\$3 with net with position with suction) | USPAT; US-PGPUB | 2003/04/15 17:33 |
| - | 1 | (cavitation and (operat\$3 with parameter) and (characteristic with curve)) and ((estimat\$3 or detect\$3) with cavitation) and (net with position with suction) | USPAT; US-PGPUB | 2003/04/16 06:56 |
| - | 0 | 702/\$.ccls. and cavitat\$4 and (operat\$3 with parameter) and (characteristic with curve) and ((estimat\$3 or detect\$3) with cavitat\$3) and (net with position with suction) | USPAT; US-PGPUB | 2003/04/15 18:12 |
| - | 10 | 702/\$.ccls. and cavitat\$4 and (operat\$3 with parameter) and (monitor\$3 with data) | USPAT; US-PGPUB | 2003/04/15 18:33 |
| - | 0 | (702/\$.ccls. and cavitat\$4 and (operat\$3 with parameter) and (monitor\$3 with data)) and (net with position with suction) | USPAT; US-PGPUB | 2003/04/15 18:12 |
| - | 1 | (702/\$.ccls. and cavitat\$4 and (operat\$3 with parameter) and (monitor\$3 with data)) and (suction with pressure) | USPAT; US-PGPUB | 2003/04/16 12:07 |
| - | 1 | cavitat\$4 and (operat\$3 with parameter) and (monitor\$3 with data) and (characteristic with curve with (voltage-current or voltage)) | USPAT; US-PGPUB | 2003/04/15 19:06 |
| - | 51 | (operat\$3 with parameter) and (monitor\$3 with data) and (characteristic with curve with (voltage-current or voltage)) | USPAT; US-PGPUB | 2003/04/15 19:02 |
| - | 0 | ((operat\$3 with parameter) and (monitor\$3 with data) and (characteristic with curve with (voltage-current or voltage))) and (electrical with operting with parameter) | USPAT; US-PGPUB | 2003/04/15 19:03 |
| - | 3 | ((operat\$3 with parameter) and (monitor\$3 with data) and (characteristic with curve with (voltage-current or voltage))) and (electrical with operating with parameter) | USPAT; US-PGPUB | 2003/04/15 19:03 |
| - | 1 | cavitat\$4 and (operat\$3 with parameter) and (characteristic with curve with (voltage-current or voltage)) | USPAT; US-PGPUB | 2003/04/15 19:06 |
| - | 2 | (monitor\$3 with system) and (characteristic with curve with (voltage-current or voltage)) and (electrical with operating with parameter) | USPAT; US-PGPUB | 2003/04/16 09:10 |
| - | 152 | (monitor\$3 with system) and (characteristic with curve with (voltage-current or voltage or V-A)) and (high with frequency fluctuations) | USPAT; US-PGPUB | 2003/04/16 07:27 |
| - | 19 | ((monitor\$3 with system) and (characteristic with curve with (voltage-current or voltage or V-A)) and (high with frequency fluctuations)) and pump | USPAT; US-PGPUB | 2003/04/16 07:02 |
| - | 11 | ((((monitor\$3 with system) and (characteristic with curve with (voltage-current or voltage or V-A)) and (high with frequency fluctuations)) and pump) and parameter | USPAT; US-PGPUB | 2003/04/16 07:02 |
| - | 9 | (((((monitor\$3 with system) and (characteristic with curve with (voltage-current or voltage or V-A)) and (high with frequency fluctuations)) and pump) and parameter) and operating | USPAT; US-PGPUB | 2003/04/16 07:04 |
| - | 1 | ((((((monitor\$3 with system) and (characteristic with curve with (voltage-current or voltage or V-A)) and (high with frequency fluctuations)) and pump) and parameter) and operating) and (high with frequency with fluctuations) | USPAT; US-PGPUB | 2003/04/16 07:04 |

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| - | 2 | (((((monitor\$3 with system) and (characteristic with curve with (voltage-current or voltage or V-A)) and (high with frequency fluctuations))) and pump) and parameter) and operating) and (frequency with fluctuations) | USPAT; US-PGPUB | 2003/04/16 07:26 |
| - | 4 | (monitor\$3 with system) and (characteristic with curve with (voltage-current or voltage or V-A)) and (high with frequency with fluctuations) | USPAT; US-PGPUB | 2003/04/16 07:18 |
| - | 3 | ((monitor\$3 with system) and (characteristic with curve with (voltage-current or voltage or V-A)) and (high with frequency with fluctuations)) and pump | USPAT; US-PGPUB | 2003/04/16 07:09 |
| - | 16 | (monitor\$3 with system) and (characteristic with curve) and (voltage-current or voltage or V-A) and (high with frequency with fluctuations) | USPAT; US-PGPUB | 2003/04/16 09:51 |
| - | 5 | ((monitor\$3 with system) and (characteristic with curve) and (voltage-current or voltage or V-A) and (high with frequency with fluctuations)) and (curve with (voltage-current or voltage or V-A)) | USPAT; US-PGPUB | 2003/04/16 07:24 |
| - | 25 | (pump with cavitat\$3) and (curve with (voltage-current or voltage or V-A)) | USPAT; US-PGPUB | 2003/04/16 07:28 |
| - | 1 | ((pump with cavitat\$3) and (curve with (voltage-current or voltage or V-A))) and (frequency with fluctuations) | USPAT; US-PGPUB | 2003/04/16 07:26 |
| - | 1 | ((monitor\$3 with system) and (characteristic with curve with (voltage-current or voltage or V-A)) and (high with frequency fluctuations)) and (pump with cavitat\$3) | USPAT; US-PGPUB | 2003/04/16 07:27 |
| - | 11 | (curve with (voltage-current or voltage or V-A)) and (high with frequency with fluctuations) and pump | USPAT; US-PGPUB | 2003/04/16 07:43 |
| - | 5 | ((curve with (voltage-current or voltage or V-A)) and (high with frequency with fluctuations) and pump) and parameter | USPAT; US-PGPUB | 2003/04/16 07:30 |
| - | 1 | (curve with (voltage-current or voltage or V-A)) and (high with frequency with fluctuations) and (electrical with operating with parameter) | USPAT; US-PGPUB | 2003/04/16 07:39 |
| - | 0 | (monitor\$3 with routine) and (operat\$4 with parameter) and (expert with engine) and (neural with network) | USPAT; US-PGPUB | 2003/04/16 09:12 |
| - | 6 | ((monitor\$3 with routine) and (operat\$4 with parameter) and (expert with engine) and (neural with network)) and cavitat\$3 | USPAT; US-PGPUB | 2003/04/16 09:33 |
| - | 7 | ((monitor\$3 with routine) and (operat\$4 with parameter) and (expert with engine) and (neural with network)) and pump | USPAT; US-PGPUB | 2003/04/16 09:17 |
| - | 10 | (monitor\$3 with routine) and (operat\$4 with parameter) and (expert with engine) and (neural with network) | USPAT; US-PGPUB | 2003/04/16 09:32 |
| - | 47 | (monitor\$3 with system) and (operat\$4 with parameter) and (expert with engine) and (neural with network) | USPAT; US-PGPUB | 2003/04/16 09:50 |
| - | 9 | ((monitor\$3 with system) and (operat\$4 with parameter) and (expert with engine) and (neural with network)) and cavitat\$3 | USPAT; US-PGPUB | 2003/04/16 10:28 |

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| 164 | ("3096434" "3404264" "3468164" "3590370" "3688190" "3691842" "3701280" "3973184" "RE29383" "4058975" "4099413" "4102199" "4122719" "4250490" "4337516" "4399824" "4517468" "4530234" "4571689" "4635214" "4642782" "4644479" "4649515" "4707796" "4736367" "4777585" "4831564" "4841286" "4873655" "4907167" "4924418" "4934196" "4939753" "4964125" "4988990" "4992965" "5005142" "5043862" "5053815" "5067099" "5081598" "5089984" "5098197" "5099436" "5103409" "5111531" "5121467" "5122794" "5122976" "5130936" "5134574" "5137370" "5142612" "5143452" "5148378" "5167009" "5175678" "5193143" "5197114" "5197328" "5212765" "5214582" "5224203" "5228780" "5235527" "5265031" "5265222" "5269311" "5274572" "5282131" "5282261" "5293585" "5303181" "5305230" "5311421" "5317520" "5327357" "5333240" "5347843" "5349541" "5357449" "5361628" "5365423" "5367612" "5384699" "5386373" "5394341" "5394543" "5404064" "5408406" "5408586" "5414645" "5419197" "5430642" "5440478" "5442639" "5467355" "5469070" "5469156" "5469735" "5481199" "5483387" "5485753" "5486996" "5488697" "5489831" "5495769" "5510799" "5511004" "5548528" "5561599" "5570300" "5572420" "5573032" "5598521" "5600148" "5623605" "5637802" "5640491" "5661668" "5665899" "5669713" "5671335" "5675504" "5675724" "5680109" "5700090" "5703575" "5704011" "5705978" "5708585" "5713668" "5719378" "5741074" "5742845" "5746511" "5752008" "5764891" "5781878" "5801689" "5805442" "5828567" "5829876" "5848383" "5859964" "5876122" "5887978" "5923557" "5924086" "5926778" "5940290" "5956663" "5970430" "6016706" "6017143" "6045260" "6047220" "6047222" "6119047" "6192281" "6195591" "6199018" "6263487" "6298377") .PN. | USPAT | 2003/04/16 09:48 |
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| - | 0 | ((("3096434" "3404264" "3468164" "3590370" "3688190" "3691842" "3701280" "3973184" "RE29383" "4058975" "4099413" "4102199" "4122719" "4250490" "4337516" "4399824" "4517468" "4530234" "4571689" "4635214" "4642782" "4644479" "4649515" "4707796" "4736367" "4777585" "4831564" "4841286" "4873655" "4907167" "4924418" "4934196" "4939753" "4964125" "4988990" "4992965" "5005142" "5043862" "5053815" "5067099" "5081598" "5089984" "5098197" "5099436" "5103409" "5111531" "5121467" "5122794" "5122976" "5130936" "5134574" "5137370" "5142612" "5143452" "5148378" "5167009" "5175678" "5193143" "5197114" "5197328" "5212765" "5214582" "5224203" "5228780" "5235527" "5265031" "5265222" "5269311" "5274572" "5282131" "5282261" "5293585" "5303181" "5305230" "5311421" "5317520" "5327357" "5333240" "5347843" "5349541" "5357449" "5361628" "5365423" "5367612" "5384699" "5386373" "5394341" "5394543" "5404064" "5408406" "5408586" "5414645" "5419197" "5430642" "5440478" "5442639" "5467355" "5469070" "5469156" "5469735" "5481199" "5483387" "5485753" "5486996" "5488697" "5489831" "5495769" "5510799" "5511004" "5548528" "5561599" "5570300" "5572420" "5573032" "5598521" "5600148" "5623605" "5637802" "5640491" "5661668" "5665899" "5669713" "5671335" "5675504" "5675724" "5680109" "5700090" "5703575" "5704011" "5705978" "5708585" "5713668" "5719378" "5741074" "5742845" "5746511" "5752008" "5764891" "5781878" "5801689" "5805442" "5828567" "5829876" "5848383" "5859964" "5876122" "5887978" "5923557" "5924086" "5926778" "5940290" "5956663" "5970430" "6016706" "6017143" "6045260" "6047220" "6047222" "6119047" "6192281" "6195591" "6199018" "6263487" "6298377").PN.) and (expert with engine) and (neural with network) | USPAT; US-PGPUB | 2003/04/16 09:48 |
| - | 19 | ((monitor\$3 with system) and (operat\$4 with parameter) and (expert with engine) and (neural with network)) and pump | USPAT; US-PGPUB | 2003/04/16 09:50 |
| - | 3 | ((((monitor\$3 with system) and (operat\$4 with parameter) and (expert with engine) and (neural with network)) and pump) and (operat\$4 with parameter)) and (characteristic with curve) | USPAT; US-PGPUB | 2003/04/16 10:41 |
| - | 19 | ((((monitor\$3 with system) and (operat\$4 with parameter) and (expert with engine) and (neural with network)) and pump) and (operat\$4 with parameter) | USPAT; US-PGPUB | 2003/04/16 12:57 |
| - | 2 | (monitor\$3 with system) and (alert with cavitat\$3) | USPAT; US-PGPUB | 2003/04/16 10:40 |
| - | 2 | (alert with cavitat\$3) | USPAT; US-PGPUB | 2003/04/16 10:33 |
| - | 95 | (monitor\$3 with system) and alert and cavitat\$3 | USPAT; US-PGPUB | 2003/04/16 10:41 |
| - | 8 | ((monitor\$3 with system) and alert and cavitat\$3) and (characteristic with curve) | USPAT; US-PGPUB | 2003/04/16 10:41 |
| - | 3 | (702/\$.ccls. and cavitat\$4 and (operat\$3 with parameter) and (monitor\$3 with data)) and (characteristic with curve) | USPAT; US-PGPUB | 2003/04/16 12:08 |

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| - | 2 | ((monitor\$3 with system) and (operat\$4 with parameter) and (expert with engine) and (neural with network)) and pump) and (pump with impeller) | USPAT; US-PGPUB | 2003/04/16 12:58 |
| - | 0 | ((("3096434" "3404264" "3468164" "3590370" "3688190" "3691842" "3701280" "3973184" "RE29383" "4058975" "4099413" "4102199" "4122719" "4250490" "4337516" "4399824" "4517468" "4530234" "4571689" "4635214" "4642782" "4644479" "4649515" "4707796" "4736367" "4777585" "4831564" "4841286" "4873655" "4907167" "4924418" "4934196" "4939753" "4964125" "4988990" "4992965" "5005142" "5043862" "5053815" "5067099" "5081598" "5089984" "5098197" "5099436" "5103409" "5111531" "5121467" "5122794" "5122976" "5130936" "5134574" "5137370" "5142612" "5143452" "5148378" "5167009" "5175678" "5193143" "5197114" "5197328" "5212765" "5214582" "5224203" "5228780" "5235527" "5265031" "5265222" "5269311" "5274572" "5282131" "5282261" "5293585" "5303181" "5305230" "5311421" "5317520" "5327357" "5333240" "5347843" "5349541" "5357449" "5361628" "5365423" "5367612" "5384699" "5386373" "5394341" "5394543" "5404064" "5408406" "5408586" "5414645" "5419197" "5430642" "5440478" "5442639" "5467355" "5469070" "5469156" "5469735" "5481199" "5483387" "5485753" "5486996" "5488697" "5489831" "5495769" "5510799" "5511004" "5548528" "5561599" "5570300" "5572420" "5573032" "5598521" "5600148" "5623605" "5637802" "5640491" "5661668" "5665899" "5669713" "5671335" "5675504" "5675724" "5680109" "5700090" "5703575" "5704011" "5705978" "5708585" "5713668" "5719378" "5741074" "5742845" "5746511" "5752008" "5764891" "5781878" "5801689" "5805442" "5828567" "5829876" "5848383" "5859964" "5876122" "5887978" "5923557" "5924086" "5926778" "5940290" "5956663" "5970430" "6016706" "6017143" "6045260" "6047220" "6047222" "6119047" "6192281" "6195591" "6199018" "6263487" "6298377").PN.) and (pump with impeller) | USPAT; US-PGPUB | 2003/04/16 12:59 |
| - | 2 | ((monitor\$3 with system) and (operat\$4 with parameter) and (expert with engine) and (neural with network)) and (pump with impeller) | USPAT; US-PGPUB | 2003/04/16 12:59 |
| - | 1 | ((monitor\$3 with system) and (characteristic with curve with (voltage-current or voltage or V-A)) and (high with frequency fluctuations)) and (pump with impeller) | USPAT; US-PGPUB | 2003/04/16 12:59 |
| - | 6 | (detect\$3 with cavitation) and (operat\$3 with parameter) and (pump with impeller) | USPAT; US-PGPUB | 2003/09/05 15:01 |
| - | 2 | (702/\$.ccls. or 700/\$.ccls.) and (detect\$3 with cavitation) and (operat\$3 with parameter) and (pump with impeller) | USPAT; US-PGPUB | 2003/04/16 14:05 |
| - | 10 | (702/\$.ccls. or 700/\$.ccls.) and (detect\$3 with cavitation) and (operat\$3 with parameter) and (monitor\$3 with (data or parameter)) | USPAT; US-PGPUB | 2003/04/16 14:06 |
| - | 0 | (Characteristic with curve) same (operat\$3 with parameter) same caviation | USPAT; US-PGPUB | 2003/09/05 17:01 |
| - | 0 | (characteristic with curve) same (operat\$3 with parameter) same caviation | USPAT; US-PGPUB | 2003/09/05 14:36 |

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|---|----|--|---|------------------|
| - | 0 | (characteristic with curve) and ((operat\$3 with parameter) same caviation) | USPAT; US-PGPUB | 2003/09/05 14:37 |
| - | 0 | (characteristic with curve) and (operat\$3 with parameter) and (caviation with device) | USPAT; US-PGPUB | 2003/09/05 14:37 |
| - | 0 | (characteristic with curve) and (operat\$3 with parameter) and caviation | USPAT; US-PGPUB | 2003/09/05 14:38 |
| - | 0 | characteristic and curve and (operat\$3 with parameter) and caviation | USPAT; US-PGPUB | 2003/09/05 14:38 |
| - | 27 | (detect\$3 with cavitation) and (operat\$3 with parameter) and curve | USPAT; US-PGPUB | 2003/09/05 17:18 |
| - | 6 | ((detect\$3 with cavitation) and (operat\$3 with parameter) and curve) and (character\$6 with curve) | USPAT; US-PGPUB | 2003/09/08 12:34 |
| - | 2 | 09/852945 | USPAT; US-PGPUB | 2003/09/05 15:04 |
| - | 5 | ((((detect\$3 with cavitation) and (operat\$3 with parameter) and curve) and (character\$6 with curve)) and routine. | USPAT; US-PGPUB | 2003/09/05 16:23 |
| - | 16 | ((detect\$3 with cavitation) and (operat\$3 with parameter) and curve) and routine | USPAT; US-PGPUB | 2003/09/05 16:23 |
| - | 24 | ((character\$6 with curve) and (operat\$3 with parameter) an cavitation) and (estimat\$3 near5 cavitation) | USPAT; US-PGPUB | 2003/09/07 15:32 |
| - | 1 | ((((character\$6 with curve) and (operat\$3 with parameter) an cavitation) and (estimat\$3 near5 cavitation)) and Processor and memory | USPAT; US-PGPUB | 2003/09/05 17:05 |
| - | 1 | ((((character\$6 with curve) and (operat\$3 with parameter) an cavitation) and (estimat\$3 near5 cavitation)) and (Processor or computer or CPU or microcomputer) and memory | USPAT; US-PGPUB | 2003/09/05 17:06 |
| - | 1 | ((((character\$6 with curve) and (operat\$3 with parameter) an cavitation) and (estimat\$3 near5 cavitation)) and (Processor or computer or CPU or microcomputer or microprocessor) and memory | USPAT; US-PGPUB | 2003/09/05 17:06 |
| - | 1 | (character\$6 with curve) same (estimat\$3 with cavitation) | USPAT; US-PGPUB | 2003/09/05 17:28 |
| - | 2 | (character\$6 with curve) same ((estimat\$3 or detect\$3 or sens\$3) with cavitation) | USPAT; US-PGPUB | 2003/09/05 17:28 |
| - | 1 | ((character\$6 with curve) and (operat\$3 with parameter) and cavitation) and (estimat\$3 near5 cavitation) | USPAT; US-PGPUB | 2003/09/07 15:32 |
| - | 1 | ((((character\$6 with curve) and (operat\$3 with parameter) and cavitation) and (estimat\$3 near5 cavitation)) and (Processor or computer or CPU or microcomputer or microprocessor) | USPAT; US-PGPUB | 2003/09/07 15:34 |
| - | 1 | ((("4234925" "4319320" "4486381" "4490808" "4674279" "4683718" "4770843" "4794544" "4823018" "4994684" "5322412" "5346359" "5402332").PN.) and (caviation) | USPAT; US-PGPUB | 2003/09/07 16:36 |
| - | 5 | ("6152684" "5940290" "5284523" "5646539" "5573032").pn. | USPAT; US-PGPUB | 2003/09/07 16:39 |
| - | 1 | DE-19645129-\$.did. | USPAT; US-PGPUB; EPO; JPO; DERWENT | 2003/09/07 16:41 |
| - | 2 | WO-9721154-\$.did. | USPAT; US-PGPUB; EPO; JPO; DERWENT | 2003/09/07 16:41 |
| - | 2 | EP-943805-\$.did. | USPAT; US-PGPUB; EPO; JPO; DERWENT | 2003/09/07 16:42 |

| | | | | |
|---|----|---|---|------------------|
| - | 10 | ((("6152684" "5940290" "5284523" "5646539" "5573032").pn.) or DE-19645129-\$.did. or WO-9721154-\$.did. or EP-943805-\$.did. | USPAT; US-PGPUB; EPO; JPO; DERWENT | 2003/09/07 16:43 |
| - | 1 | alert with user with cavitation | USPAT; US-PGPUB | 2003/09/08 12:36 |
| - | 1 | alert\$3 with user with cavitation | USPAT; US-PGPUB | 2003/09/08 12:50 |
| - | 1 | (alert\$3 or sens\$3 or nimble or agile or athletic) with user with cavitation | USPAT; US-PGPUB | 2003/09/08 12:38 |
| - | 5 | associat\$4 with user with cavitation | USPAT; US-PGPUB | 2003/09/08 12:41 |
| - | 1 | user with presen\$4 with cavitation | USPAT; US-PGPUB | 2003/09/08 12:42 |
| - | 52 | user with cavitation | USPAT; US-PGPUB | 2003/09/08 12:48 |
| - | 11 | (user with cavitation) and plant | USPAT; US-PGPUB | 2003/09/08 12:47 |
| - | 1 | user with recogni\$6 with cavitation | USPAT; US-PGPUB | 2003/09/08 12:49 |
| - | 2 | alert\$3 with cavitation | USPAT; US-PGPUB | 2003/09/08 12:51 |
| - | 6 | indicat\$3 with user with cavitation | USPAT; US-PGPUB | 2003/09/08 12:52 |
| - | 1 | (piezoelectric near2 horn) with cavitation | USPAT; US-PGPUB | 2003/09/08 12:53 |
| - | 4 | (piezoelectric near2 horn) same cavitation | USPAT; US-PGPUB | 2003/09/08 12:53 |
| - | 4 | (estimat\$3 with cavitation) and (characteristic with curve) | USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB | 2004/05/20 12:49 |
| - | 2 | ((estimat\$3 with cavitation) and (characteristic with curve)) and routine | USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB | 2004/05/20 12:53 |
| - | 2 | ((estimat\$3 with cavitation) and (characteristic with curve)) and (collect\$3 with parameter) | USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB | 2004/05/20 12:55 |
| - | 2 | ((((estimat\$3 with cavitation) and (characteristic with curve)) and (collect\$3 with parameter)) and (monitor\$3 with parameter) | USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB | 2004/05/20 12:55 |
| - | 2 | ((estimat\$3 with cavitation) and (characteristic with curve)) and (monitor\$3 with parameter) | USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB | 2004/05/20 12:55 |
| - | 5 | cavitation and (characteristic with curve) and (collect\$3 with parameter) and (monitor\$3 with parameter) | USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB | 2004/05/20 16:39 |

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|---|----|---|---|------------------|
| - | 54 | cavitation same (characteristic with curve) | USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB | 2004/05/20 15:47 |
| - | 24 | cavitation with (characteristic with curve) | USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB | 2004/05/20 15:47 |
| - | 2 | ((estimat\$3 evaluat\$3) with cavitation) same (characteristic with curve) | USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB | 2004/05/20 15:56 |
| - | 9 | ((estimat\$3 evaluat\$3) with cavitation) and (characteristic with curve) | USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB | 2004/05/20 15:51 |
| - | 2 | ((((estimat\$3 evaluat\$3) with cavitation) and (characteristic with curve)) and (stor\$4 with characteristic with curve) | USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB | 2004/05/20 15:50 |
| - | 2 | ((((estimat\$3 evaluat\$3) with cavitation) and (characteristic with curve)) and (memory same (characteristic with curve)) | USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB | 2004/05/20 15:51 |
| - | 5 | ((estimat\$3 evaluat\$3 detect\$3) with cavitation) same (characteristic with curve) | USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB | 2004/05/20 16:40 |
| - | 4 | ("5905989" "6421571").pn. | USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB | 2004/05/20 16:39 |
| - | 0 | ((("5905989" "6421571").pn.) and (characteristic with curve) | USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB | 2004/05/20 16:52 |
| - | 0 | ((estimat\$3 or detect\$3) with caviation) and ((stor\$4 or memeory) with characteristic with curve) | USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB | 2004/05/20 16:52 |
| - | 0 | ((estimat\$3 or detect\$3) with caviation) and ((stor\$4 or memory) with characteristic with curve) | USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB | 2004/05/20 16:53 |
| - | 3 | ((estimat\$3 or detect\$3) with cavitation) and ((stor\$4 or memory) with characteristic with curve) | USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB | 2004/05/20 16:53 |